

SITUATION REPORT
CALIFORNIA LIGHT BROWN APPLE MOTH COOPERATIVE ERADICATION PROGRAM
 Report reflects totals received by Thursday at noon

Regulatory Weekly Nursery Inspections, Acres and Suspects Found By County																
County	2009 Totals		YTD 2010		This Week (6/10/2010 To 6/16/2010)											
	Nursery Insp.	Acres Insp.	Nursery Insp.	Acres Insp.	Nursery Inspections						Suspects					
					Production		Retail		Totals		Larvae		Pupae		Egg	
					Insp.	Acres	Insp.	Acres	Insp.	Acres	Submitted	Positive ID	Submitted	Positive ID	Submitted	Positive ID
Alameda	10	6.4	2	1.2	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Contra Costa	621	679.6	107	172.0	1	2.3	0	0.0	1	2.3	0	0	0	0	0	0
Los Angeles	70	790.3	8	52.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Marin	269	181.5	62	60.6	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Monterey	2732	13332.6	1204	6336.8	50	349.1	0	0.0	50	349.1	40	42	2	1	0	0
Napa	67	63.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
San Benito	191	1907.4	87	585.5	7	33.0	0	0.0	7	33.0	3	0	3	0	0	0
San Francisco	226	44.9	146	19.6	0	0.0	2	0.4	2	0.4	0	0	0	0	0	0
San Joaquin	8	1475.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
San Luis Obispo	246	1408.4	302	1212.9	13	53.1	0	0.0	13	53.1	0	0	0	0	0	0
San Mateo	1042	5091.1	187	571.8	6	9.6	0	0.0	6	9.6	0	0	0	0	0	0
Santa Barbara	918	4878.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Santa Clara	577	2869.8	112	2309.0	4	68.5	0	0.0	4	68.5	0	1	0	0	0	0
Santa Cruz	2921	11156.7	817	4517.6	27	150.3	0	0.0	27	150.3	7	2	0	0	0	0
Solano	112	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Sonoma	841	1259.2	453	846.6	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Yolo	100	2778.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Grand Total	10951	47935.5	3487	16685.5	108	665.9	2	0.4	110	666.2	50	45	5	1	0	0
As of 11/19/2009 Immature Life Stages can be rated "A" (Morphological) or "Q" (DNA)																

Regulatory Weekly Commodity Inspections With Acres And Suspects Found By County															
County	2009 Totals			YTD 2010			This Week (6/10/2010 To 6/16/2010)								
	Cooler Insp.**	Site Insp.	Acres Insp.	Cooler Insp.**	Site Insp.	Acres Insp.	Commodity Inspections			Suspects					
							Totals			Larvae		Pupae		Egg	
							Cooler**	Site	Acres	Submitted	Positive ID	Submitted	Positive ID	Submitted	Positive ID
Alameda	0	0	0.0	0	1	1.00	0	0	0.00	0	0	0	0	0	0
Contra Costa	0	62	223.0	0	14	167.31	0	0	0.00	0	0	0	0	0	0
Los Angeles	0	2	0.1	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Marin	0	459	449.2	0	42	67.60	0	0	0.00	0	0	0	0	0	0
Monterey	1230	644	50017.2	419	392	22112.50	29	52	2098.49	2	8	0	0	0	0
Napa	0	138	700.6	0	0	0.00	0	0	0.00	0	0	0	0	0	0
San Benito	26	199	2675.5	8	118	755.00	0	4	4.00	0	0	0	0	0	0
San Francisco	0	0	0.0	0	0	0.00	0	0	0.00	0	0	0	0	0	0
San Joaquin	0	21	252.3	0	4	93.00	0	0	0.00	0	0	0	0	0	0
San Luis Obispo	0	207	1027.4	0	19	99.10	0	0	0.00	0	0	0	0	0	0
San Mateo	0	5	195.0	0	9	15.02	0	0	0.00	0	0	0	0	0	0
Santa Barbara	0	66	395.7	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Santa Clara	0	426	3093.3	0	149	1136.82	0	0	0.00	0	0	0	0	0	0
Santa Cruz	1547	1427	39127.8	398	505	8956.98	36	2	744.88	11	0	0	0	0	0
Solano	0	27	1041.2	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Sonoma	0	2007	7205.1	0	58	70.16	0	0	0.00	0	0	0	0	0	0
Yolo	0	4	30.1	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Grand Total	2803	5694	106433.4	825	1311	33474.49	65	58	2847.37	13	8	0	0	0	0
**Cooler inspections are considered 100% inspected. As of 11/19/2009 Immature Life Stages can be rated "A" (Morphological) or "Q" (DNA)															

Total Suspect LBAM Larvae/Pupae/Egg		
Collected	#	% of Collected
Larvae/Pupae/Egg Masses	9,402	100.00
Non-Target Specimens	3,455	36.75
Confirmed "Positive"	5,947	63.25
Note: Records without results are not included. Source: ISIS IV		

Host Plants

This data includes only the 15 most common hosts. 1 PDR number is counted as 1 find

Source: ISIS IV

Scientific Host Name	Common Host Name	# of Repeat Finds
Rubus	Blackberry, Raspberry, Olallieberry	110
Alstroemeria	Peruvian Lily	97
Myrica	Myrica	77
Rosa	Rose	62
Ceanothus	Ceanothus	57
Fragaria	Strawberry	56
Pittosporum	Pittosporum	45
Vaccinium	Blueberry	41
Prunus	Plum, Cherry, Peach, Apricot	36
Leucadendron	Leucadendron	36
Salvia	Sage	33
Rosmarinus officinalis	Rosemary	32
Ribes	Goose Berry	31
Malus	Apple	29
Boronia sp.	Boronia	25

Compliance Agreements Issued to Date

Source: ISIS IV

Total number of sites with Compliance Agreements- includes sites with the same C/A number.	Total Number of (unique) Compliance Agreements Issued			Total Acres under compliance-Active Establishments Only		
(not unique)	Nursery	Commodity	Other	Nursery	Commodity	Other
	1,406	1,656	287	10,407.41	91,865.64	137.07
8,339	Total: 3349			Total: 102410.12		

Source: County Ag. Trappers & LBAM Program Trappers

Report Date 6/17/2010	USDA/CDFA LBAM Traps by Type										
	LBAM Project								CDFA/County		
	Delimitation		Nursery	Survey Traps					County Traps		
	County	Sites	#Traps	Reg. & Detect	Detection	Cropland	Wilderness	Phenology	High Hazard	Detection	Nursery
Alameda					171		9		24	56	260
Contra Costa					266		9		303	55	633
Los Angeles	2	294	211		101		9		4,990		5,605
Marin			22	4	85		9		44		164
Monterey	1	95	422	177	574		9		20		1,297
Napa				26					234	26	286
San Benito			2	133	145				8	25	313
San Diego	1	269									269
San Francisco							12				12
San Joaquin	3	121	146		1,075		9		620	150	2,121
San Luis Obispo	2	294	37	151	312				165	44	1,003
San Mateo			199		30		9				238
Santa Barbara			242	38	507				504		1,291
Santa Clara			185		73		9				267
Santa Cruz			261		110		9				380
Solano	2	24							782	148	954
Sonoma	0	0		37					418	35	490
Yolo	7	978	249		654				115	41	2,037
Total Traps	18	2,075	1,976	566	4,103	0	93	0	8,227	580	17,620

Detection Trapping Pest Results (Adult LBAM):

Source: CDFA/PHPPS

Date 6/17/2010 Positive Totals by Year/YTD											
County	2007	2008	2009	Jan-10	Feb-10*	Mar-10*	Apr-10*	May-10*	Jun-10*	YTD 2010	Total
Alameda	449	2811	43688	437	1004	430	239	32	0	2142	49090
Contra Costa	152	2144	16278	23	115	81	31	8	0	258	18832
Los Angeles	1	0	108	64	37	70	34	25	17	247	356
Marin	77	941	9542	106	326	98	39	9	0	578	11138
Monterey	865	5364	18213	330	597	705	634	711	27	3004	27446
Napa	2	16	287	5	5	4	12	8	1	35	340
San Benito	0	9	26	1	1	12	4	2	0	20	55
San Diego	0	0	0	0	0	1	0	0	0	1	1
San Francisco	4041	17005	60115	102	168	124	107	8	0	509	81670
San Joaquin	0	0	10	0	2	0	2	0	0	4	14
San Luis Obispo	1	0	22	0	3	0	0	0	0	3	26
San Mateo	98	1921	11599	55	270	152	110	9	11	607	14225
Santa Barbara	0	6	2	0	0	0	0	0	0	0	8
Santa Clara	22	131	409	15	11	13	24	4	0	67	629
Santa Cruz	11095	16619	43347	749	1313	1071	1204	838	107	5282	76343
Solano	9	23	176	1	12	66	11	2	0	92	300
Sonoma	0	23	159	24	19	15	6	15	2	81	263
Ventura	0	0	1	0	0	0	0	0	0	0	1
Yolo	0	0	8	0	3	2	4	2	0	11	19
Program Totals	16812	47013	203990	1912	3886	2844	2461	1673	165	12941	280756
* Not all monthly totals have come in- PDR Identification still in progress											

Facilities and Program Developments:

RESOURCES MANAGEMENT (revised 6/10/2010)

Staffing:

<u>Organization</u>	<u>Total Positions</u>
CDFA (California Department of Food & Agriculture)	26
USDA (United States Department of Agriculture)	26 + 12 SIT
CASS (Cooperative Agricultural Support Services)	50

Background: On February 6, 2007, CDFA was informed that Light Brown Apple Moth (LBAM) was first detected in a light trap in Berkeley that is maintained by a University of California Professor Emeritus. The sample was identified by Australian entomologist Dr. Marianne Horak. There were two unofficial detections in this trap, on July 19, 2006 and November 19, 2006. In response to these unofficial detections, delimitation traps were placed in the spring of 2007, in a 2.5 mile radius around this site. The traps were placed in a 100/50/10 trap per square mile array. During the first inspection of these traps, LBAM were detected in Alameda and Contra Costa Counties. In response to these official detections, detection and delimitation trapping continued throughout the Bay Area, with a total to date of seventeen Counties having detections of LBAM. Trapping was extended State-wide, and larval finds were subsequently found in several locations. Following the issuance of a State Interior Quarantine and a Federal Executive Order regulating the affected area, an emergency project was initiated under joint County/CDFA/USDA management operating under Incident Command and based in Salinas, Watsonville, and now Moss Landing. Program components include detection trapping, diagnostics, inspections of commodities and nurseries, regulatory compliance, and treatments. There are currently three program office locations. The operations base is in Moss Landing and there are field work units in San Jose, Albany, West Sacramento, Nipomo, and Long Beach.